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FYLDE RURAL DISTRICT COUNCIL



ANNUAL REPORT
on the
PUBLIC HEALTH AND
HOUSING CONDITIONS
for the year 1972

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Medical Officer of Health

H. GRAHAM, M.A.P.H.I., Cert.R.S.H.
Chief Public Health Inspector

Council Offices,
WESHAM, Kirkham,
Preston PR4 3AN

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Chief Public Health Inspector.

Health Department,
Council Offices,
Derby Road,
WESHAM,
Kirkham,
Preston,
PR4 3AN.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
for the year 1972

To the Chairman and Members of the Fylde Rural District Council,

Mr. Chairman, Ladies and Gentlemen,

I have to honour to present to you the Annual Report of the Medical Officer of Health for the year 1972.

The Vital Statistics for the area remained generally satisfactory during the year and there were no large scale outbreaks of infectious illness during the year.

My thanks are again due to my colleagues in the Health Department for their loyalty and assistance, to you, Mr. Chairman and Members of the Health Committee, my appreciation of the encouragement and support afforded me.

Yours faithfully,

J. E. MORRIS

Medical Officer of Health.

Annual Report
of the
Medical Officer of Health
for the year 1912
to the Chairman and Members of the Public Health Board,
County of London.
By Mr. Chairman, Ladies and Gentlemen,
I have the honor to present to you the Annual
Report of the Medical Officer of Health for the year
1912.
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GENERAL STATISTICS

| | |
|--|----------|
| Area (in acres) | 33,159 |
| Population | 20,250 |
| Number of inhabited houses (at end of 1972) (excluding M.Q's) | 6450 |
| Rateable Value at 31.12.72 | £942,833 |
| Amount produced by a penny rate 1972/1973 .. | £9,100 |

VITAL STATISTICS

BIRTHS: Three hundred and sixty-seven births; 199 males and 168 females were registered during the year. The birth rate of 18.3 compares with the rate of 18.6 per 1,000 in 1971. Nine of the births were illegitimate.

STILLBIRTHS: There were two male stillbirths during the year, making a stillbirth rate of 3.0 per 1,000 total live and stillbirths, compared with a rate of 5.0 per 1,000 in 1971.

DEATHS: Three hundred deaths; 145 males and 155 females, were registered during the year. The death rate of 15.0 per 1,000 compares with a rate of 14.6 per 1,000 in 1971.

Deaths per 1,000 home population

Crude rate 15.0

Adjusted rate 11.0

Infant mortality rates per 1,000 live births

Deaths under 1 year 22

Deaths of legitimate infants under 1 year 20

Deaths of illegitimate infants under 1 year 111

Neonatal mortality rate per 1,000 live births

Deaths under 4 weeks 16

Early neonatal mortality rate per 1,000 total live births

Deaths under 1 week 16

Perinatal mortality rate per 1,000 total live and stillbirths

Stillbirths and deaths under 1 week .. 19

Live births rates, etc., per 1,000 home population

Crude rate 18.3

Adjusted rate 17.9

Illegitimate live births as percentage of all live births 2

CAUSE OF DEATH

The table below shows the causes of death of Rural District residents in 1972:-

| | <u>Male</u> | <u>Female</u> | <u>Total</u> |
|---|-------------|---------------|--------------|
| Enteritis and other Diarrhoeal diseases | - | 1 | 1 |
| Malignant Neoplasm, Buccal Cavity, Etc | - | 1 | 1 |
| Malignant Neoplasm, Stomach | 5 | 5 | 10 |
| Malignant Neoplasm, Intestine | 3 | - | 3 |
| Malignant Neoplasm, Lung, Bronchus .. | 12 | 1 | 13 |
| Malignant Neoplasm, Breast | - | 7 | 7 |
| Malignant Neoplasm, Uterus | - | 2 | 2 |
| Malignant Neoplasm, Prostrate | 2 | - | 2 |
| Leukaemia | - | 2 | 2 |
| Other Malignant Neoplasms | 4 | 3 | 7 |
| Diabetes Mellitus | 4 | - | 4 |
| Other Endocrine etc., diseases | - | 1 | 1 |
| Anaemias | 1 | 3 | 4 |
| Mental Disorders | 3 | 4 | 7 |
| Meningitis | - | 1 | 1 |
| Other diseases of nervous system .. | 1 | 1 | 2 |
| Chronic Rheumatic Heart Disease .. | 1 | 3 | 4 |
| Hypertensive Disease | 1 | 1 | 2 |
| Ischaemic Heart Disease | 39 | 32 | 71 |
| Other forms of Heart Disease | 7 | 10 | 17 |

| | <u>Male</u> | <u>Female</u> | <u>Total</u> |
|---|-------------|---------------|--------------|
| Cerebrovascular Disease | 12 | 35 | 47 |
| Other disease of Circulatory System | 7 | 4 | 11 |
| Influenza | 1 | - | 1 |
| Pneumonia | 10 | 11 | 21 |
| Bronchitis and Emphysema | 16 | 3 | 19 |
| Other diseases of Respiratory System | - | 3 | 3 |
| Intestinal obstruction and Hernia .. | 1 | - | 1 |
| Cirrhosis of Liver | 2 | - | 2 |
| Other diseases of Digestive System .. | - | 2 | 2 |
| Nephritis and Nephrosis | - | 1 | 1 |
| Hyperplasia of Prostrate | 1 | - | 1 |
| Other diseases of Genito-Urinary System | 1 | - | 1 |
| Diseases of Musculo-skeletal System | - | 5 | 5 |
| Congenital Anomalies | 1 | 2 | 3 |
| Birth Injury, Difficult Labour, etc. | 4 | - | 4 |
| Other causes of perinatal mortality | 1 | - | 1 |
| Symptoms and ill defined conditions | - | 6 | 6 |
| Motor Vehicle Accidents | 1 | - | 1 |
| All other accidents | 1 | 4 | 5 |
| Suicide and Self-inflicted injuries .. | 2 | 1 | 3 |
| All other external causes | 1 | - | 1 |
| | <hr/> | <hr/> | <hr/> |
| Total all causes: | 145 | 155 | 300 |
| | <hr/> | <hr/> | <hr/> |

GENERAL PROVISION OF HEALTH SERVICES

PERSONNEL

Medical Officer
of Health: J.E. Morris, B.Sc., M.D., Ch.B.,
D.P.H., D.C.H., D.I.H., M.F.C.M.

Other Appointments
held: Medical Officer of Health - Boroughs
of Lytham St. Annes and Fleetwood.
Urban Districts of Poulton-le-Fylde,
Kirkham, Thornton Cleveleys and
Preesall, Divisional Medical Officer
of Health, Division No. 3, Lancashire
County Council.

Chief Public
Health Inspector: H. Graham, M.A.P.H.I., Cert. R.S.H.

Deputy Chief Public
Health Inspector: T.B. Berry, M.A.P.H.I., Cert. R.S.H.

HOSPITAL FACILITIES

For general cases the main hospitals used are the Preston Royal Infirmary of the Preston and Chorley Hospital Management Committee, the Blackpool Victoria, Wesham Park, and Lytham St. Annes Hospitals of the Blackpool and Fylde Hospital Management Committee. Infectious diseases are admitted to the Devonshire Road Hospital, Blackpool.

Accommodation for Smallpox is provided by the Manchester Regional Hospital Board at the Ainsworth Smallpox Hospital, near Bury.

AMBULANCE FACILITIES

The Ambulance Service is administered by the Lancashire County Council. Ambulance Stations in No. 3 Health Division of the Lancashire County are located at Wesham, St. Annes, Thornton and Fleetwood. The service is part of Radio control Area No. 3 of the County Ambulance Service and controlled from Broughton House, near Preston.

LABORATORY FACILITIES

Bacteriological examination of specimens, also water, milk and ice-cream samples, is carried out at the Public Health Laboratory building in Meadow Street, Preston.

PROFESSIONAL NURSING IN THE HOME

General nursing cases and confinements are attended by District Nurses and Midwives of the Lancashire County Council.

VENEREAL DISEASE SERVICE

Facilities for treatment of Venereal Disease are available at Blackpool Victoria Hospital and Preston Royal Infirmary.

MATERNITY AND CHILD WELFARE AND OTHER CLINICS, FYLDE AREA OF LANCASHIRE ADMINISTRATIVE COUNTY

MATERNITY AND CHILD WELFARE AND SCHOOL MEDICAL CLINIC

Clinics of the County Council, held in the Rural District, at the time of preparation of this report, are as follows:-

Freckleton - Methodist Sunday School

Monday .. p.m. Child Welfare Clinic
 p.m. Immunisation (fourth Monday in
 each month)
 p.m. Vaccination (Second Monday in
 each month)

Singleton - Church Hall

Monday .. p.m. C.W.C. (First and Third Monday
 in each month)
 Health Visitor clinic only

Staining - The Institute

Monday .. p.m. C.W.C. (Alternate Mondays in
 each month)

Warton - The Institute, Church Road

Wednesday .. p.m. C.W.C.

Weeton - Army Sick Quarters

Tuesday .. p.m. C.W.C. (Alternate Tuesday in
 each month)
 p.m. Immunisation (Once a month)

FOOD AND DRUGS ACT, 1955

A total of 51 samples were obtained comprising 27 milks (four of which were Channel Islands milk) and 24 others as follows:-

| | |
|--------------------|----------------------------|
| 3 Butter | 1 Cream of Tartar |
| 1 Custard Powder | 1 Marzipan |
| 1 Double Cream | 1 Tapioca |
| 1 Cream Cakes | 1 Liquid Paraffin |
| 1 Cheese | 2 Jam |
| 1 Soft Brown Sugar | 1 Lemon Cheese |
| 1 Demarara Sugar | 1 Pasteurised Double Cream |
| 2 Malt Vinegar | 1 Ice Cream |
| 2 Rice | 1 Marzipan |
| 1 Tea | |

I give below details of those samples on which the County Analyst gave adverse reports:-

| <u>Sample</u> | <u>Result of Analysis</u> | <u>Action Taken</u> |
|----------------|--|------------------------|
| Butter | Contained a fragment of dirt derived either from a chimney or an oven containing small amounts of finely divided iron with iron oxides and carbon. Its weight (contaminated with butter) was 6 mgms. The butter had a very strong flavour and odour but it had not reached the stage of rancidity at which it would give chemical reactions for rancidity. | Complainant informed |
| Butter | Acid value of fat 2.1 (i.e. at the top limit of the range normally considered to be acceptable) also had a strong odour and taste. | Manufacturer informed. |
| Custard Powder | Contained flecks of rust from corroding tinsplate on inside of lid and base of container amounting to 855 parts per million of iron in the can. | Complainant informed. |

| <u>Sample</u> | <u>Result of analysis</u> | <u>Action Taken</u> |
|---------------|--|---------------------------|
| Double Cream | Labelled Double Cream. From 1st March, 1972, should also have borne the word "UNTREATED" (Cream Regulations, 1970 Reg. 4(21)). | Vendor communicated with. |
| Marzipan | Slightly deficient in almond oil. | No action |

NOTIFIABLE DISEASES

TUBERCULOSIS

A Tuberculosis service is provided by the Regional Hospital Board, the Lancashire County Council, and the District Council. The Hospital Board is responsible mainly for treatment, the County Council for prevention, care and after-care, and the Sanitary Authority for prevention.

A Tuberculosis Health Visitor is provided by the Lancashire County Council, and Hospital and Chest Clinic facilities by the Blackpool and Fylde Hospital Management Committee.

There has been one case of Tuberculosis during this year.

Notifiable Diseases (other than Tuberculosis) during the year 1972

| Age | Measles | | Scarlet Fever | | Dysentery | | Food Poisoning | | Tuberculosis Respiratory | |
|-------------------|---------|----|---------------|---|-----------|----|----------------|---|--------------------------|---|
| | M | F | M | F | M | F | M | F | M | F |
| Under 1 year | 3 | 6 | - | - | - | 1 | - | - | - | - |
| 1 year | 9 | 5 | - | - | 1 | - | - | - | - | - |
| 2 years | 8 | 7 | - | - | 1 | 1 | - | - | - | - |
| 3 years | 12 | 5 | - | - | - | - | - | - | - | - |
| 4 years | 8 | 8 | - | 1 | 1 | 1 | - | - | - | - |
| 5 to 9 years | 19 | 20 | 2 | 4 | 2 | 1 | - | - | - | - |
| 10 to 14 years | 3 | 1 | - | - | - | - | 1 | 1 | - | - |
| 15 to 24 years | - | - | - | - | - | - | - | - | - | - |
| 25 years and over | - | - | - | - | - | 3 | - | - | - | 1 |
| Age Unknown | 1 | 1 | - | - | - | 5 | - | - | - | - |
| TOTAL (all ages) | 63 | 53 | 2 | 5 | 5 | 12 | 1 | 1 | - | 1 |

FYLDE RURAL DISTRICT COUNCIL

Health Department,
Council Offices,
Wesham, Kirkham,
Preston, PR4 3AN.

Our ref: HG/TBB/BAH.

To the Chairman and Members of the Council,

It is my duty and pleasure to submit to you my twenty-seventh Annual Report upon the work of the Public Health Inspectors Department for the year ending 31st December, 1972.

There were two staff changes during the year. Mrs. Norcross left to become a mother. She was replaced by Miss C. Swan who was, after a few months transferred to the Clerk's Department and was in turn replaced by Miss B. Hodgson. I would like again to express my appreciation of the loyalty and help of Mr. T.B. Berry, a most willing and able deputy.

Comments upon the work dealt with are contained in the appropriate sections of the report.

The main details for the year 1972 are set out below, and the following is a summary of the visits made:-

| | | | |
|---------------------------------|---------|---------------|--------|
| No. of premises of visited | - 1,427 | No. of visits | -1,678 |
| Defects or nuisances discovered | .. .. . | 23 | |
| Defects or nuisances remedied | .. .. . | ,14 | |
| No. of informal notices served | .. .. . | 22 | |
| No. of Statutory Notices served | .. .. . | 1 | |
| No. of legal proceedings | .. .. . | Nil | |

Inspections and re-visits in connection with:-

Public Health Acts

| | | |
|-----------------------------|---------|----|
| Dwellinghouses on complaint | .. .. . | 30 |
| Drains and sewers | .. .. . | 38 |
| Ditches and watercourses | .. .. . | 29 |

| | |
|---|-----|
| Noise abatement | 21 |
| Infectious diseases | 75 |
| Food Poisoning | 61 |
| Keeping of Animals | 31 |
| Offensive accumulations or effluvia | 37 |
| Smoke (observations) etc | 17 |
| Verminous or dirty premises | Nil |
| Insect Pests | 15 |

Housing Acts

| | |
|------------------------------------|-----|
| Slum Clearance | 22 |
| Individual unfit houses | 23 |
| Improvement Grants | 185 |
| Qualification Certificates | 4 |

| | |
|------------------------------|----|
| <u>Factories Act</u> | 27 |
|------------------------------|----|

Food and Drugs Acts

| | |
|--------------------------------|-----|
| Food Premises | 168 |
| Stalls, Vehicles, etc. | 9 |
| Food Inspection | 132 |
| Sampling | 37 |
| Waste Foods Order | 30 |
| Brucellosis | 7 |

Miscellaneous

| | |
|---|-----|
| Offices, Shops and Railway Premises Act, 1963 | 84 |
| Shops Act, 1950 | 206 |
| Pests Act, 1949 | 47 |

| | |
|---|-----|
| Refuse Collection and Disposal | 98 |
| Civic Amenities Act, 1967 | 23 |
| Caravan Sites and Control of Development Act, 1960 | 140 |
| Miscellaneous | 85 |

Slaughterhouses, Food and Food Premises

There is one private slaughterhouse in operation at Freckleton, and one knackers yard at Staining, operated by the Blackpool Tower Company, for the purpose of providing food for circus animals and animals in the zoo.

All animals slaughtered for human consumption were inspected, and details of meat and other food dealt with are set out overleaf:-

Meat inspection: Carcasses inspected and condemnations

| | Cattle excluding Cows | Cows | Calves | Sheep and Lambs | Pigs |
|---|-----------------------------|------|--------|-----------------------|------|
| Number Killed (if known) | 322 | Nil | Nil | 1,780 | 1 |
| Number <u>Not</u> inspected | Nil | Nil | Nil | Nil | Nil |
| <u>All diseases except Tuberculosis and Cysticerci</u> | | | | | |
| Whole carcasses condemned | Nil | Nil | Nil | Nil | Nil |
| Carcasses of which some part or organ was condemned | 13 | Nil | Nil | 2 | Nil |
| <u>Tuberculosis only</u> | | | | | |
| Whole carcasses condemned | Nil | Nil | Nil | Nil | Nil |
| Carcasses of which some part or organ was condemned | Nil | Nil | Nil | Nil | Nil |
| <u>Cysticerci</u> | | | | | |
| Carcasses of which some part or organ was condemned | 1 | Nil | Nil | Nil | Nil |
| Carcasses submitted to refrigeration | 1 | Nil | Nil | Nil | Nil |
| Generalised and totally condemned.. | Nil | Nil | Nil | Nil | Nil |

The weight of carcasses meat and offal condemned was 1cwt 90lbs. 26 pounds of canned meat were also condemned during the year.

There is one poultry processing premises within the district with a throughput of approximately 15,000 birds per week.

The number of slaughtermen licensed at the end of the year was eight; and the number of visits made in connection with food inspection was 132.

There are four bakers and/or confectioners in the area. 168 visits were made to food premises of all kinds. Only minor contraventions of the Food Hygiene Regulations in a very few cases were found, and these were satisfactorily dealt with by informal action, no legal proceedings being necessary.

Sixty-five premises were registered for the sale of ice cream and three for the manufacture of ice cream - all using the hot-mix method of production. All the premises were found to be satisfactory.

Thirty-four samples of ice cream were submitted to the laboratory for examination, 4 of which proved unsatisfactory to the tests carried out. Routine visits were made to ice cream premises in addition to those visits when sampling was carried out.

Six premises are registered for the manufacture of preserved foods and all are satisfactory.

The number of premises by type of business, in the district at the end of the year was as follows:-

Type of business -

| | |
|---|----|
| Greengrocers and provision dealers | 42 |
| Greengrocers and fruiterers (including those selling wet fish, game etc) | 7 |
| Meat shops (butchers, purveyors of cooked and preserved meats, tripe, etc.) | 10 |
| Bakers and/or confectioners | 4 |
| Fried fish shops | 10 |
| Shops selling mainly sugar confectionery, minerals, ice cream, etc. | 9 |

Type of business -

| | |
|--|----|
| Licensed premises, clubs, canteens, restaurants cafes, snack bars, and similar catering establishments | 41 |
| Others | 4 |

The number of distributors of milk registered by the Council and operating from dairies within the district was 9, and from shops was 8.

Four samples of milk were submitted for examination for brucella organisms with the following results:-

| | <u>Positive</u> | <u>Negative</u> | <u>No Result</u> |
|-------------------------|-----------------|-----------------|------------------|
| Ring Test | - | 4 | - |
| Culture Test | - | - | - |
| Biological Test | - | - | - |

Under Regulation 20 of the Milk and Dairies (General) Regulations, 1959 no notices were served requiring pasteurisation of milk found to be infected with brucella organisms; and one notice was withdrawn.

No action was necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925.

There were two cases of food poisoning during the year.

Factories

There were 68 factories on the register at the end of the year, and 27 inspections were made. One notice was required to be served, in connection with defective sanitary accommodation.

Sanitary Accommodation and Sewage Disposal

During the year one pail closet was converted to a watercloset. There are very few middens left in the district and there are no trough closets or waste water closets. The number of pail closets remaining is estimated to be 185, and the number of dwellings not on a water carriage system to be the same.

The Council operates sewage treatment works in the Parishes of Bryning-with-Warton; Ribby-with-Wrea, Staining; Elswick; Weeton and Newton-with-Clifton. A joint sewage works at Freckleton deals with the sewerage from Kirkham Urban District and the Parish of Medlar-with-Wesham.

The works at Wrea Green, Staining, Elswick and Weeton are all post-war developments and treatment consists of screening, sedimentation, biological filtration and humus tanks with final discharge to adjacent watercourses. The works at Warton and Freckleton provide tank treatment only, with no filtration, and discharge to brooks.

The works at Warton, Wrea Green and Freckleton will be abolished upon completion of the Kirkham and Fylde Joint Sewage Scheme in 1973.

Schools.

| | |
|---|----|
| Total number of schools in district | 16 |
|---|----|

Sanitary conditions of schools:-

| | |
|---|-----|
| (a) No. with unsatisfactory yard surfaces | Nil |
|---|-----|

(b) Sanitary accommodation:-

No. of Schools with -

| | |
|--------------------------------------|----|
| (i) Fresh water closets only | 16 |
|--------------------------------------|----|

| | |
|--------------------------------|-----|
| (ii) Pail closets only | Nil |
|--------------------------------|-----|

(c) Drainage:-

| | | | | | | | |
|--------------------------|-----------------------------|----|----|----|----|----|----|
| No. with drainage to | | | | | | | |
| (i) | Public sewers | .. | .. | .. | .. | .. | 9 |
| (ii) | Private treatment works | .. | .. | .. | | | 7 |
| (d) | No. with dustbins | .. | .. | .. | .. | .. | 16 |
| (e) | No. with mains water supply | .. | .. | .. | | | 16 |
| (f) Washing facilities:- | | | | | | | |
| | Unsatisfactory | .. | .. | .. | .. | .. | 1 |
| | Satisfactory | .. | .. | .. | .. | .. | 15 |

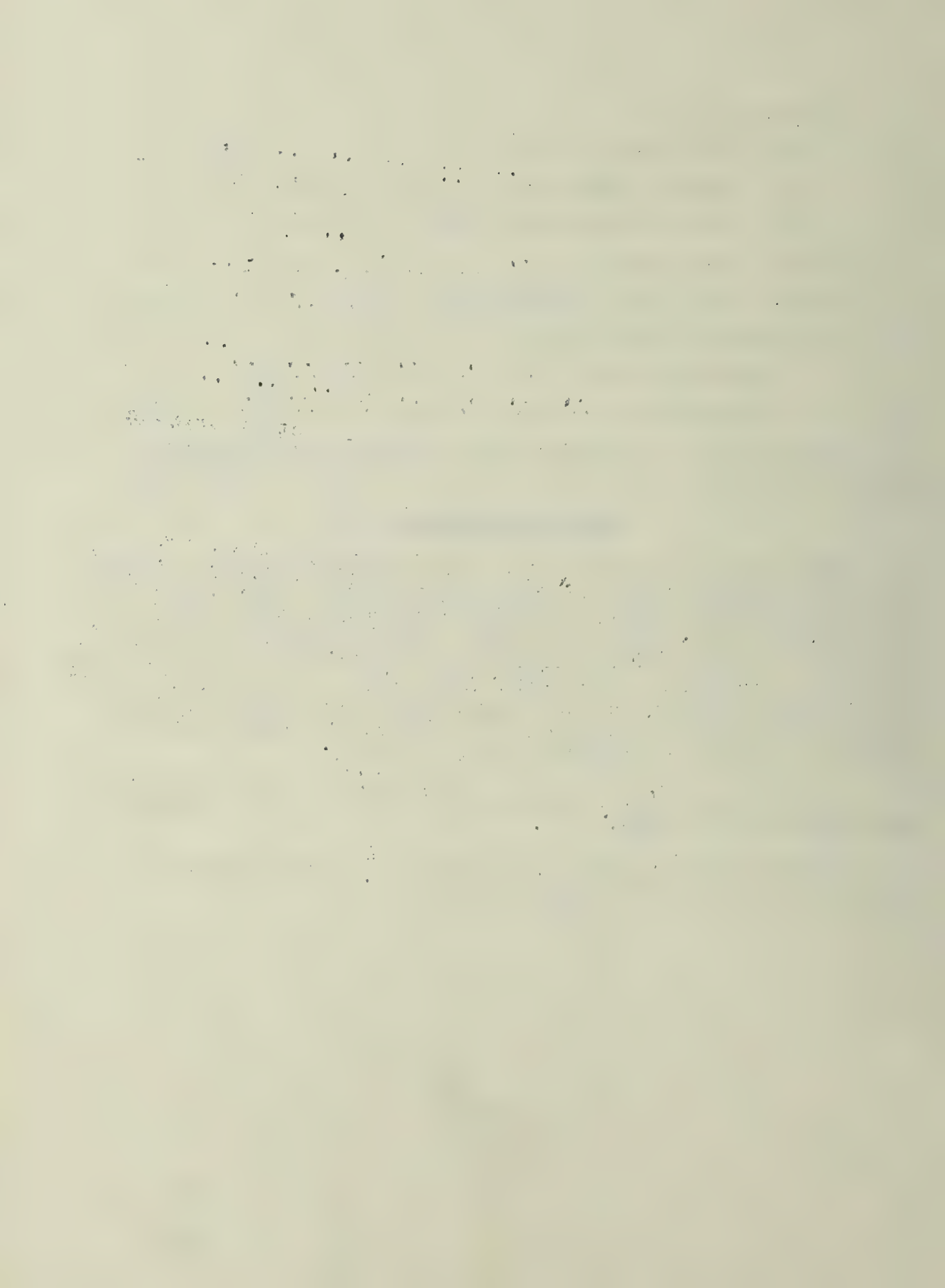
All schools are provided with satisfactory drinking water facilities.

Public Cleansing

There was no change in the establishment during the year, and this consisted of, two Eagle Crushlowd 50 cu.yd. rear compressor, three Karrier Musketeer 60 cu.yd. screw type, one S and D.35 cu.yd. rear compressor, and one Karrier 18 cu.yd. fore and aft tipper which is held in reserve for any emergency. A further 230 houses were built but again no increase of staff was necessary and the bonus scheme which was revised during the year continued to operate satisfactorily both from the Council's and the ratepayers point of view.

Twenty-three men, including five drivers, were engaged upon refuse collection.

Refuse from the area is disposed of at the Preston Corporation's Tip at Clifton Marsh.



Moveable Dwellings

There were 88 sites in the area used for camping and caravanning purposes during 1972. At the end of the year there were in operation 6 sites licensed under Section 269 of the Public Health Act, 1936, and 73 licensed under the Caravan Sites and Control of Development Act, 1960. A few other sites were used temporarily by tented campers.

The number of caravans concerned in the sites licensed under the 1960 Act, was 2,663, and of these 484 were permanently occupied. No progress was made towards provision being made for touring caravanners.

In the main the licensed sites in the area continued to be operated satisfactorily.

Water Supply

The whole of the area is supplied with mains water by the Fylde Water Board. Results of sampling carried out by the Board are received regularly by the department. It is estimated that the number of dwellings connected to the mains is 6,599, whilst there are 4 dwellings not connected to a public supply. The estimated position in various Parishes is set out in the following table:-

Supplies to dwellings:

| PARISH | (a) No. of dwellings newly connected to public mains during 1972 | | (b) Supply to all dwellings at end of year | | | | | |
|-------------------------------|--|---------------|--|------------------|-----------------------|------------------|--|------------------|
| | | | From public mains | | | | From private supplies, e.g. Wells, springs, etc. | |
| | | | Direct to dwellings | | By means of Standpipe | | | |
| | Existing dwellings | New dwellings | No. of dwellings | Est. No. of Pop. | No. of dwellings | Est. No. of Pop. | No. of dwellings | Est. No. of Pop. |
| Bryning-w-Warton | - | 34 | 1,180 | 3,216 | - | - | 1 | 4 |
| Elswick | - | 20 | 277 | 633 | - | - | - | - |
| Lt. Eccleston-w-Larbæck | - | - | 81 | 346 | - | - | 1 | 3 |
| Freckleton | - | 40 | 1,653 | 5,167 | - | - | 1 | 3 |
| Greenhalgh-w-Thistleton | - | - | 122 | 415 | - | - | 1 | 3 |
| Medlar-w-Wesham | - | 72 | 810 | 2,537 | - | - | - | - |
| Newton-w-Clifton | - | 41 | 768 | 2,055 | - | - | - | - |
| Ribby-w-Wrea | - | 1 | 428 | 1,412 | - | - | - | - |
| Singleton | - | 3 | 230 | 808 | - | - | - | - |
| Staining | - | 3 | 513 | 1,640 | - | - | - | - |
| Treales, Roseacre and Wharles | - | 4 | 111 | 377 | - | - | - | - |
| Weeton-w-Preese | - | 2 | 399 | 839 | - | - | - | - |
| Westby-w-Plumptons | - | - | 226 | 945 | - | - | - | - |
| TOTAL - Whole District | - | 220 | 6,599 | 20,390 | - | - | 4 | 13 |

Typical chemical analyses of the water supplied are as follows:-

FYLDE WATER BOARD

Chemical Analysis

| | <u>WELTON RESERVOIR</u> | | <u>WESTBY RESERVOIR</u> | |
|--|-------------------------|---------------|-------------------------|---------------|
| | <u>Winter</u> | <u>Summer</u> | <u>Winter</u> | <u>Summer</u> |
| Appearance | Clear and Bright | | | |
| Colour (Hazen p.p.m. Pt) | 6 | 3 | 5 | 2 |
| Turbidity (p.p.m. Silica) | 1.0 | 0.2 | 1.0 | 1.0 |
| Odour | Nil | Nil | Nil | Nil |
| Taste | Normal | | | |
| Reaction pH Value | 7.5 | 8.2 | 7.9 | 8.0 |
| Electrical Conductivity u m h o/c.c | 105 | 250 | 120 | 310 |
| | p.p.m. | | p.p.m. | |
| Residual Chlorine | 0.05 | 0.05 | 0.15 | 0.15 |
| Free & Saline Ammonia as N ₂ | 0.08 | 0.07 | 0.04 | 0.05 |
| Albuminoid Ammonia as N ₂ | 0.01 | 0.01 | 0.08 | 0.04 |
| Nitrous Notrogen as N ₂ | 0.009 | 0.007 | 0.008 | 0.009 |
| Nitric Notrogen as N ₂ | 0.41 | 0.92 | 0.46 | 0.41 |
| Oxygen absorbed 4 hrs. at 27°C | 0.62 | 0.10 | 0.80 | 0.25 |
| Free Acidity as CO ₂ | - | - | - | - |
| Carbonate Hardness as CaCO ₃ | 12 | 92 | 25 | 132 |
| Total Hardness as CaCO ₃ | 36 | 106 | 48 | 152 |

| | <u>WEETON RESERVOIR</u> | | <u>WESTBY RESERVOIR</u> | |
|--|-------------------------|---------------|-------------------------|---------------|
| | <u>Winter</u> | <u>Summer</u> | <u>Winter</u> | <u>Summer</u> |
| Non-Carbonate Hardness as CaCO_3 | 24 | 14 | 23 | 20 |
| Excess Alkalinity as Na_2CO_3 | Nil | Nil | Nil | Nil |
| Calcium as CaCO_3 | 28 | 64 | 42 | 88 |
| Magnesium as CaCO_3 | 8 | 42 | 6 | 64 |
| Total Solids dried at 180°C | 80 | 185 | 87 | 231 |
| Chloride as Cl | 12 | 21 | 14 | 22 |
| Sulphate as SO_4 | 24 | 31 | 25 | 33 |
| Lead as Pb | less than 0.05 | | | |
| Manganese as Mn | Less than 0.01 | 0.05 | 0.01 | 0.03 |
| Copper as Cu | - | - | - | - |
| Iron as Fe | 0.08 | 0.05 | 0.02 | 0.02 |
| Aluminium as Al | 0.05 | 0.04 | 0.07 | 0.02 |
| Fluoride as F | less than 0.10 | | | |

Rodent Control
Prevention of Damage by Pests Act, 1949.

One part-time operator is employed for rodent control work.

Action taken during the year:-

| | Type of Premises | |
|---|------------------|--------------|
| | Non-Agricultural | Agricultural |
| (a) No. of properties in district | 6,650 | 420 |
| (b) Total number of properties (including nearby premises) inspected following notification | 168 | 2 |
| (c) No. of (b) infested by rats | 126 | 2 |
| mice | 42 | Nil |
| (d) Total number of properties inspected for rats and/or mice for reasons other than notification | 148 | 28 |
| (e) No. of (d) infested by rats | 1 | 3 |
| mice | 3 | Nil |

The treatment of dwelling houses and non-profit making establishments is carried out without charge. Business premises are charged on a time and material basis. None of the Council's sewers were found to be infested.

Offices, Shops and Railway Premises Act, 1963

| | Offices | Retail Shops | Wholesale shops, ware- houses | Catering establi- shments --open to public, canteens | Fuel storage depots. |
|---|---------|-----------------|--|---|----------------------------|
| (1) No. of registered premises at end of year .. | 11 | 41 | 2 | 25 | 2 |
| (2) No. of registered premises receiving a general inspection during year | 10 | 38 | 2 | 20 | 2 |
| (3) No. of exemptions current at end of year:- | | | | | |
| Space S.5.(2) | | | | Nil | |
| Temperature (S.6) | | | | Nil | |
| Sanitary conveniences (S.9) | | | | Nil | |
| Washing facilities (S.10) | | | | Nil | |

The number of visits of all kinds made to registered premises was 77. There were no prosecutions during the year.

Housing.

At the end of the year, the Council held 368 applications for housing, made up of 234 for ordinary needs; 8 for agriculture; 36 for old peoples flatlets; and 90 for old peoples bungalows. 52 dwellings were completed by the , and 168 by the private sector.

Housing Statistics

(1) Number of new dwellings erected during the year:-

| | <u>Houses</u> | <u>Flats</u> |
|---------------------------------|---------------|--------------|
| (i) By the local authority .. | 23 | 29 |
| (ii) By other local authorities | Nil | Nil |
| (iii) By other bodies | 168 | Nil |

(2) Total no. of dwellings owned by any local authority existing in district at end of year - 1,102

(3) Inspections of dwellings during the year:-

| | | |
|------|--|-----|
| (i) | (a) Total no. of dwellings inspected formally or informally for housing defects (under Public Health of Housing Acts) | 92 |
| | (b) No. of inspections, formal of informal, made for the purpose | 122 |
| | (c) No. of dwellings in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit | 52 |
| (ii) | Total no. of dwellings existing at end of year, occupied or not, which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which - | |
| | (a) Demolition, Clearance or Closing Orders have been made (at any time) | 22 |
| | (b) Demolition, Clearance or Closing Orders have not yet been made | 51 |

(4) Houses Demolished:-

| In or Adjoining Clearance Areas: | Houses demolished | Displaced during year | |
|---|-------------------|-----------------------|----------|
| | | Persons | Families |
| (1) Houses unfit for human habitation | Nil | Nil | Nil |
| (2) Houses included by reason of bad arrangement, etc | Nil | Nil | Nil |
| (3) Houses on land acquired under S.43(2), Housing Act, 1957 | Nil | Nil | Nil |
| Not in or adjoining Clearance areas: | | | |
| (4) As a result of formal or informal procedure under S.16 of S.17(1) Housing Act, 1957 | 2 | 4 | 1 |
| (5) Houses unfit for human habitation where action has been taken under local Acts | Nil | Nil | Nil |
| (6) Unfit houses included in Unfitness Orders .. | Nil | Nil | Nil |

(5) Unfite Houses Closed:-

| | | | |
|--|-----|-----|-----|
| (1) Under S.16(4), S.17(1) and S.35(1), Housing Act 1957, and S.26 Housing Act, 1961 | 2 | 2 | 1 |
| (2) Under S.17(3) and S.26, Housing Act, 1957 .. | Nil | Nil | Nil |
| (3) Parts of buildings closed under S.18, Housing Act, 1957 .. | Nil | Nil | Nil |

(6) Unfit Houses Made Fit:-

- (1) By owner after informal action by
Local authority 50
- (2) After formal notice under S.9 and S.16
Housing Act, 1957:-
- (a) by owner Nil
- (b) by local authority Nil
- (3) After formal notice under Public Health
Acts Nil
- (4) After modification or revocation of a
clearance order under S.24, Housing Act,
1961 Nil
- (5) After determination of a demolition order
under S.24, Housing Act, 1957 Nil

(7) Unfit houses in Temporary Use
(Housing Act, 1957):-

| Position at end of year | Number of houses (1) | No. of separate dwellings contained in column (1) (2) |
|---|-------------------------------|--|
| (a) Under Section 48 .. | Nil | Nil |
| (b) Under S. 17(2) .. | Nil | Nil |
| (c) Under Section 46 .. | Nil | Nil |
| Licensed for temporary occupation under S.34 or S. 53 | Nil | Nil |

(8) Purchase of Houses by
Agreement:-

| | No. of houses (1) | No. of occupants of houses in column(1) (2) |
|---|-------------------------|---|
| Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders | Nil | Nil |

Improvement Grants

Standard Grants:-

- (1) No of Applications -
- | | | | |
|----------------------|----|-----------|----|
| (a) owner/occupiers: | 9 | Approved: | 9 |
| (b) tenanted houses: | 10 | Approved: | 10 |
- (2) No. of dwellings improved -
- | | |
|----------------------|---|
| (a) owner/occupiers: | 7 |
| (b) tenanted: | 1 |
- (3) Amount paid in grants: £1,030.43
- (4) Average grant per house: £128.80
- (5) Amenities provided -
- | | |
|---|-----|
| (a) Fixed bath | 5 |
| (b) Shower | Nil |
| (c) Wash hand basin | 5 |
| (d) Hot water supply (to any fittings) .. | 5 |
| (e) Water closet within dwelling | 8 |
| (f) Sink | Nil |

Discretionary Grants:-

- | | | | |
|-----|--|---------|----|
| (1) | No. of applications approved | .. .. . | 21 |
| (2) | No. of applications refused | .. .. . | 3 |
| (3) | No. of dwellings improved (a) owner/occupier | | 7 |
| | (b) tenanted | .. | 1 |
| (4) | Amount paid in grants: | £6,194 | |
| (5) | Average grant per house: | £442.42 | |

Yours faithfully,

Alfred

Chief Public Health Inspector

